

CONSOLIDATED NPOESS ACRONYMS

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%		
%CVC	a	F
%TML	Percent Total Mass Loss	F
(
(D)PR	Dual Precipitation Radar	N
(Delta)TRMS	Root Mean Square Temperature Difference	F
(Delta)V	Change in Velocity	F
μ		
μg	Micro (10E-6)-gram	TR
μm	Micro (10E-6)-meter	TR
μPa	micro-Pascal	IR
μV	micro-volt	IR
1		
16QAM	16-state Quadrature Amplitude Modulation	R
5		
55 SWXS	55th Space Weather Squadron	
8		
8PSK	Eight Phase Shift Key	
A		
A	Analysis	TR
A-SAR	Advanced Synthetic Aperture Radar	N
A-SCAT	Advanced Scatterometer	N
AA NESDIS	Assistant Administrator for NESDIS	
AAD	Acquisition Activities Division	
AAE	Agency Acquisition Executive	G
AAOE	Airborne Antarctic Ozone Experiment	N
AASE	Airborne Arctic Stratospheric Expedition	SR
AATSR	Advanced Along-Track Scanning Radiometer	N
AB	Acquisition Board	G
ABIS	Auroral Boundary & Ionization Sensor	CO
ABLE	Atmospheric Boundary Layer Experiment	N
AC	Alternating Current	IR
ACAT	Acquisition Category	G
ACE	Aerosol Characterization Experiment	SR
ACE-IT	Automated Cost Estimating Integrated Tools	
ACMAP	Atmospheric Chemistry & Modeling Analysis Program	SR
ACN	Agreement Change Notice	
ACO	Administrative Contracting Officer	
ACQSUM	Acquisition Summary	EP
ACR	Active Cavity Radiometer	N
ACRIM	Active Cavity Radiometer Irradiance Monitor	
ACS	Alternate Commanding System	EP
ACS	Attitude Control Systems	SP
ACSR	Anomaly Status Change Request	EP
ACSYS	Arctic Climate System Study	N
ACU	Attitude Control Unit	H

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ACWP	Actual Cost of Work Performed	
AD	Associated Document	
ADA	Associate Director for Acquisition	
ADAAAC	Affiliated Distributed Active Archive Center	N
ADACS	Attitude Determination and Control Subsystem	TR
ADALT	Advanced Radar Altimeter	N
ADC	Affiliated Data Center	N
ADC	Analogue to Digital Conversion	T
ADCLS	Advanced Data Collection and Location System	N
ADEOS	Advanced Earth Observation Satellite (Japan)	N
ADM	Acquisition Decision Memorandum	
ADO	Associate Director for Operations	
ADPE	Automatic/Automated Data Processing Equipment	N
ADR	Architectural Design Review	
ADTT	Associate Director for Technology Transition	
AE	Atmosphere Explorer/Acquisition Executive	N
AER	Atmospheric and Environmental Research	N
AET	Aerospace Engineering Technician	EP
AF	Air Force	IO
AFB	Air Force Base	
AFCAA	Air Force Cost Analysis Agency	
AFCAIG	Air Force Cost Analysis Improvement Group	
AFCCC	Air Force Combat Climatology Center	
AFCCP	Award Fee & Corporate Commitment Plan	H
AFFARS	Air Force Federal Acquisition Regulation Supplement	
AFI	Air Force Instruction	IO
AFM	Army Field Manual	IO
AFMC	Air Force Material Command	
AFOSI	Air Force Office of Special Investigations	F
AFP	Award Fee Plan	
AFPEL	Advanced Focal Plane Electronics Lightweighting	T
AFR	Air Force Regulation	
AFRB	Award Fee Review Board	H
AFRL	Air Force Research Laboratory	AF
AFSC	Air Force Systems Command	
AFSCN	Air Force Satellite Control Network	IO
AFSFC	Air Force Space Forecast Center	TR
AFSPC	Air Force Space Command	IO
AFSPC/DO	Air Force Space Command Director of Operations	S
AFVSF	Advanced Flight Vehicle Simulation Facility	EP
AFWA	Air Force Weather Agency	TR
AGAGE	Advanced Global Atmospheric Gas Experiment	SR
AGCM	Atmospheric Global Circulation Model	SR
AGE	Aerospace Ground Equipment	IO
AGI	Advanced Global Imager	
AGRMET	Agricultural Meteorological model	CO
AHP	Analytical Hierarchy Process	
Ai	Inherent Availability	TR
AIRS	Advanced/Atmospheric Infrared Sounder	
AIS	Airborne Imaging Spectrometer	N

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AIT	Assembly Integration and Test	
AIV	Assembly Integration and Verification	
AK	Alaska	EP
Al	Aluminum	IR
ALADIN	Atmospheric Laser Doppler Instrument	
ALE	Atmospheric Lifetime Experiment	SR
ALE	Automated Link Establishment	SP
ALS	Airone Launch Services	IJ
ALT	Altimeter	
ALT-L	Laser Altimeter	1
AMI	Active Microwave Instrument	N
AMIP	Atmospheric Model Intercomparison Project	SR
amp	ampere	IR
AMR	Altimetry Microwave Radiometer	CO
AMRIR	Advanced Medium Resolution Imaging Radiometer	N
AMSDL	Acquisition Management Systems Data List	
AMSR	Advanced Microwave Scanning Radiometer	
AMSS	Automated Meteorological Sensor System	CO
AMSU	Advanced Microwave Sounding Unit	F
AMTS	Advanced Moisture and Temperature Sounder	N
AN/UMQ-13	Mark IVB Tactical Terminal	IO
ANSI	American National Standards Institute	IR
Ao	Operational Availability	F
AO	Atomic Oxygen	F
AO	Announcement of Opportunity/Action Officer	N
AOCS	Attitude & Orbit Control Subsystem	IJ
AOIPS	Atmospheric and Oceanographic Information Processing System	N
AOL	Airborne Oceanographic Lidar	N
AOS		
AOT	Aerosol Optical Thickness	CO
AOTF	Acusto-Optical Tunable Filters	T
AP	Acquisition Plan	G
APAFO	Advanced Particles and Fields Observer	N
APB	Acquisition Program Baseline	
APC	Adequate Price Competition	
APDP	Advanced Professional Development Program	G
API	Antecedent Precipitation Index	TR
APS	Aerosol Particle Size	CO
APS	Algorithm Performance Specification	
APT	Automatic Picture Transmission	IO
APUC	Average Procurement Unit Cost	
AR	Acceptance Review	IJ
ARC	Ames Research Center/Acquisition Review Council	N
arcsec	arc-second	IR
ARGOS+	French Data Collection and Location System	N
ARM	Atmospheric Radiation Measurement Program (DOE)	N
ARP	Algorithm Research Panel	
ARTS	Automated Remote Tracking Station	CO
ARWG	Anomaly Resolution Work Group	EP
AS	Acquisition Strategy/Streamlining	G

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ASAF/SPACE	Assistant Secretary of the Air Force for Space	S
ASAT	Anti-satellite	F
ASBCA	Armed Services Board of Contract Appeals	G
ASCAT	Advanced Scatterometer	IJ
ASCM	Advanced Spaceborne Computer Model	
ASD	Acceleration Spectral Density	F
ASE	Airborne Support Equipment	TR
ASF	Alaskan SAR Facility	N
ASHOE	Airborne Southern Hemisphere Ozone Experiment	SR
ASL	Acquisition Summary Listing	EP
ASP	Affordable System Performance	H
ASP	Acquisition Strategy Process	
ASPAM	Atmospheric Slant Path Analysis Model	CO
ASR	Acquisition Strategy Report	G
ASTER	Advanced Spaceborne Thermal Emission & Reflection Radiometer	N
ASTM	American Society for Testing and Materials	F
ASW	Anti-submarine Warfare	CO
ASW	Application Software	IJ
ATBD	Algorithm Theoretical Basis Document	
ATLAS	Atmospheric Laboratory for Applications & Science	N
ATLID	Atmospheric Lidar	N
atm	Atmospheres	TR
atm-cm	Atmosphere-centimeter	IO
ATMOS	Atmospheric Trace Molecules Observed by Spectroscopy	N
ATMS	Advanced Technology Microwave Sounder	
ATN	Advanced Television Infrared Observation Satellite-N	
ATP	Acceptance Test Procedure/Plan(s)	
ATP	Authority To Proceed	
ATP	Atmospheric Temperature Profile	
ATR	Acceptance Test Report	
ATS	Applications Technology Satellite	N
ATSP	Advanced Technology Support Program	
ATSR	Along Track Scanning Radiometer	N
ATTD	Advanced Technology Transition Demonstrations	G
AUPC	Average Unit Procurement Cost	G
AURIO	Auroral Imaging Observatory	N
AUW	Authorized Unpriced Work	
AVCS	Advanced Vidicon Camera System	N
AVHRR	Advanced Very High Resolution Radiometer	
AVHRR GAC	AVHRR Global Area Coverage	N
AVHRR LAC	AVHRR Local Area Coverage	N
AVIRIS	Airborne Visible and Infrared Imaging Spectrometer	N
AVM	Advanced Vector Magnetometer	CO
AVMP	Atmospheric Vertical Moisture Profile	
AVNIR	Advanced Visible and Near-Infrared Radiometer	N
AVTP	Atmospheric Vertical Temperature Profile	
AWAPS	Advanced Weather Analysis & Prediction System	CO
AWG	American Wire Gauge	IR
AWIPS-90	Advanced Weather Interactive Processing System for the 90's	N

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B

B	Billion	CO
BAC	Budget At Completion	
BAFO	Best And Final Offer	
BAHC	Biosphere Aspects of the Hydrological Cycle Program of the IGBP	N
BAPTA	Bearing & Power Transfer Assembly	
BC	Bus controller	F
BCA	Board of Contract Appeal	H
BCE	Baseline Cost Estimate	G
BCH	Bose-Chaudhuri-Hocquenghem code	R
BCU	Bench Check Unit	N
BCWP	Budgeted Cost of Work Performed	
BCWS	Budgeted Cost of Work Scheduled	
BER	Bit Error Rate	
BFM	Battlefield/Battlescale Forecast Model	CO
BIT	Built-In-Test	F
BITE	Built-In-Test-Equipment	IO
BM	SRD Book Managers	
BMEWS	Ballistic Missile Early Warning System	CO
BOL	Beginning of Life	
BOREAS	Boreal Ecosystem-Atmosphere Study	N
BPSK	Binary Phase-Shift Keying	TR
BRDF	Bidirectional Reflection Distribution Function	ID
BTI	Balanced Technology Initiative	G
Btu/hr-ft ²	British Thermal Units per hour per square foot	F
BUV	Backscatter Ultraviolet Spectrometer	
BWC	Bandwidth Compression	
BY\$	Base Year Dollars	

C

C	Centigrade/Celsius	F
C	Climate	CO
C&DH	Command and Data Handling	F
C&T	Command and Telemetry	F
C/NOFS	Comm/Nav Outage Forecast System	
C/SCSC	Cost/Schedule Control Systems Criteria	
C ²	Command and Control	TR
C3	Command, Control, and Communications	F
C ³	Command, Control, and Communications	
C3I	Command, Control, Communications, and Intelligence	IO
C ³ I	Command, Control, Communications, and Intelligence	TR
C3S	Command, Control, and Communications Segment	F
C ³ S	Command, Control, and Communications Segment	TR
C4I	Command, Control, Communications, Computers, and Intelligence	IO
CA	Command Authority	EP
CA	Control Account	
CAAS	Contracted Advisory & Assistance Services	
CAC	Cumulative Average Cost	
CADOP	Conflict and Dual Optimization Program	EP
CADU	Channel Access Data Units	

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CAE	Component Acquisition Executive	
CAIG	Cost Analysis Improvement Group	
CAIV	Cost As An Independent Variable	
Cal/Val	Calibration and Validation	S
CALS	Continuous Acquisition Life Cycle Support	C
CAM	Control Account Managers	
CAMEX	Convection And Moisture EXperiment	
CAN	Agreement Change Notice	
CAO	Contract Administration Office	
CARD	Cost Analysis Requirements Document/Description	
CARS	Consolidated Acquisition Reporting System	C
CAS	Cost Accounting Standard	CO
CAS	Contract Administration Services	CO
CAT	Cost Analysis Team	S
CAWG	Cost Analysis Working Group	
CB	Coordinated Baseline	IJ
CBB	Contract Budget Base	
CBD	Commerce Business Daily	
CBD	Configured Baseline Document	IJ
CBG	Carrier Battle Group	CO
CBSL	Coordinated Baseline Status List	IJ
CCA	Contamination Control Analysis	F
CCB	Configuration/Change Control Board	IJ
CCBD	Configuration Control Board Directive	
CCD	Charge-Coupled Device	N
CCN	Contract Change Notice	IJ
CCP	Contamination Control Plan	F
CCR	Cloud Cover Radiometer	SM
CCRT	Contingency Command Review Team	EP
CCSDS	Consultative Committee for Space Data Systems	F
CCSS	Consolidated Critical Support System	
CCT	Computer Compatible Tape	N
CD	Compact Disc	N
CD ROM	Compact Disc-Read Only Memory	N
CD/V	Concept Demonstration/Validation Acquisition Phase	
CDA	Command and Data Acquisition	IO
CDB	Comments Database (ISCRs)	
CDCR	Conceptual Design and Cost Review	N
CDF	Common Data Format	N
CDHS	Command and Data Handling Subsystem	
CDOS	Customer Data and Operations System	N
CDR	Critical Design Review	
CDRL	Contract Data Requirements List	
CE/D	Concept Exploration/Definition	
CEES	Committee on Earth and Environmental Sciences	N
CENR	Committee on Environment and Natural Resources	1
Centrals	Central Weather Data Processing Facilities	IO
CEOS	Committee on Earth Observation Satellites	N
CEP	Circular Error Probable	
CER	Cost Estimating Relationship	

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CERES	Cloud and Earth's Radiant Energy System	
CET	Contractual Engineering Tasks	S
CF	Central Facility	IJ
CFCs	chlorofluorocarbons	N
CFI	Call for Improvement	
CFLOS	Cloud-Free Line of Sight	CO
CFR	Code of Federal Regulations	
CFSR	Contract Funds Status Report	
cg	Center of Gravity	F
CH4	Methane	IO
CI	Configuration Item	F
CIE	Office symbol for DMSP current operations at SMC	EP
CIESIN	Consortium for International Earth Science Information Networks	N
CIMSS	Cooperative Institute for Meteorological Satellite Studies	N
CINC	Commander-In-Chief	EP
CIPT	Contracts/Cost Integrated Product Team	S
CISF	Consolidated Integrated Support Facility	TR
CLAES	Cryogenic Limb Array Etalon Spectrometer	N
CLIN	Contract Line Item Number	
CLIVAR	Climate Variability (& Predictability International Program)	
CLSC	Contractor Logistic Support Commitment	H
CLSRB	Current Launch Schedule Review Board	
CLWC	Cloud Liquid Water Content	TR
cm	Centimeters	TR
CM	Cost Model/Configuration Management	CO
cm/m ²	Centimeters Per Square Meter	IO
CMD	Commands	R
CMIS	Conical Scanning Microwave Imager Sounder	F
CMO	Configuration Management Officer	
CMOC	Cheyenne Mountain Operations Center	SP
CMP	Convergence Master Plan	
CMS	Configuration Management System	N
CN	Change Notice	IJ
CNES	Centre Nationale D'Estudes Espaciale	IJ
CNMOC	Commander, Naval Meteorology & Oceanography Center	
CNO/N096	Chief of Naval Operations for Oceanography	S
CNR	Carrier-to-Noise Ratio	F
CO	Colorado or Carbon Monoxide	IO
CO	Contracting Officer	H
Co-I	Co-Investigator	N
CO2	Carbon Dioxide	IO
COADS	Comprehensive Ocean-Atmosphere Data Set	SR
COAP	Center for Ocean Analysis & Prediction	CO
COARE	Combined Ocean-Atmosphere Research Experiment	
COBRA	Cost, Operational Benefit, And Requirements Analysis	
COCOM	Combatant Command	EP
CODMAC	Committee on Data Management, Archiving, and Computation	N
COEA	Cost & Operational Effectiveness Analysis	CO
COFUR	Cost of Fulfilling User Requests	1
COI	Critical Operational Issue	

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SR

COLA	Center for Ocean-Land-Atmosphere	
COM	Cost Of Money	
COMPUSEC	Computer Security	F
COMSAT	Communications Satellite	TR
COMSEC	Communications Security	F
COMSUM	Combined Summary	EP
CONOPS	Concept of Operations	CO
CONUS	Continental United States	TR
COOLLAR	Cryogenic On-Orbit Long Life Active Refrigerator	AF
COR	Consolidated Operations Room	EP
COSPAR	Committee on Space Research	N
COSPAS	Russian for Space System for Search of Vehicles in Distress	TR
COTR	Contracting Officer's Technical Representative	
COTS	Commercial Off-The-Shelf	F
CPAF	Cost Plus Award Fee	
CPAR	Contractor Performance Assessment Report	
CPARS	Contractor Performance Assessment Reporting System	
CPFF	Cost Plus Fixed Fee	S
CPI	Cost Performance Index	
CPIF	Cost Plus Incentive Fee	
CPIN	Computer Program Identification Number	TR
CPR	Cost Performance Report	
CPS	Condensation Pressure Speed	CO
CPU	Central Processing Unit	TR
CR	Change Request	IJ
CRB	Change Review Board	IJ
CRD	Capstone Requirements Document (AFSPC)	SP
CRIMS	Cost-Risk Identification and Management System	
CrIMS	Cross-track Infrared Microwave	
CrIMSS	Cross-track Infrared Microwave Sounder Suite	F
CrIS	Cross-track Infrared Sounder	F
CrMS	Cross-track Microwave Sounder	
CrMTS	Cross-track Microwave Temperature Sounder	
CRYSYS	Cryospheric System	N
CS	Competition Sensitive	
CSAT	Constellation Sustainment Assessment Team	EP
CSCI	Computer Software Configuration Item	F
CSE	Common Support Equipment	
CSES	Center for the Study of Earth from Space	N
CSIM	Cryogenic Systems Integration Model	AF
CSOC	Consolidated Space Operations Center	TR
CTU	Command and Telemetry Unit	H
CV	Cost Variance	
CVCDU	Coded Virtual Channel Data Unit	
CVCM	Collected Volatile Condensable Material	F
CWBS	Contract Work Breakdown Structure	
CZCS	Coastal Zone Color Scanner	N

D

D	Demonstration	TR
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D/L	Downlink	
DAA	Designated Approving Authority	TR
DAAC	Distributed Active Archives Center	N
DAB	Defense Acquisition Board	
DAC	Days After Contract Start, Designated Acquisition Commander	
DADS	Data Archive and Distribution System	N
DAE	Defense Acquisition Executive	
DAES	Defense Acquisition Executive Summary (Report)	
DAL	Data Accession List	
dB	Decibels	F
DB	Database	IJ
DBMS	Database Management System	TR
dBpT		IR
dc	direct current	IR
DCA	Defense Contracting Agency	CO
DCAA	Defense Contract Audit Agency	
DCFI	Draft Call For Improvement	
DCLS	Data Collection and Location System	
DCMC	Defense Contract Management Command	
DCN	Document Change Notice	IJ
DCP	Data Collection Platform	N
DCS	Data Collection System	
DCS	Detailed Coordination Schedule	IJ
DDT&E	Design, Development, Test & Evaluation	CO
DE	Dynamics Explorer	N
DEC	Digital Equipment Corporation	
deg	Degrees	IR
DEM	Digital Elevation Model	N
Dem/Val	Demonstration and Validation	
DES	Digital Encryption System	
DEW	Directed Energy Weapon	F
DEW	Defense Early Warning	CO
DFAR	DOD Federal Acquisition Regulation	
DGM	Detailed Geometric Model	IR
DHSS	Data Handling Subsystem	IJ
DIAL	Differential Absorption Lidar	N
DIAR	Defense Intelligence Agency Regulation	
DID	Data Item Description	
DIS	Data and Information System	N
DJSM	Director, Joint Staff Memo	CO
DLR	Downward Longwave Radiation	CO
DLS	Dynamic Limb Sounder	N
DM	Data Manager	
DMA	Defense Mapping Agency	CO
DMS	Diminishing Manufacturing Sources	S
DMSP	Defense Meteorological Satellite Program	F
DNA	Defense Nuclear Agency	CO
Do	Operational Dependability	TR
DOC	Department of Commerce	F
DoC	Department of Commerce	

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DoD	Department of Defense	F
DOD	Department of Defense	TR
DOD	Depth of Discharge	
DODI	Department of Defense Instruction	TR
DOE	Department of Energy	N
DOI	Department of the Interior	N
DOMSAT	Domestic Satellite	CO
DOPLID	Doppler Lidar	N
DORIS	Doppler Orbitography & Radiopositioning Integrated by Satellite	CO
DOS	Department of State	EP
DPM	Daily Planning Meeting	EP
DRB	Defense Resources Board	
DRB	Delivery Review Board	
DRFP	Draft Request For Proposals	
DRL	Documentation Requirement List	IJ
DRR	Data Routing and Retrieval	TR
DRS	Design Reference System	
DRS	Data Relay Satellite	N
DSB	Direct Sounding Broadcast	N
DSN	Deep Space Network	N
DSN	Defense Switched Network	H
DSP	Digital Signal Processing	T
DST	Decision Support Tool	CO
DT&E	Developmental Test and Evaluation	
DTMM	Detailed Thermal Math Model	IR
DTP	Detailed Test Plan	EP
DTR	Digital Tape Recorder	
DU	Dobson Unit (atm-cm)	
DWS	Doppler Wind Sensor	N
E		
E	Ionosphere Region Designator	IO
E-LIDAR	Experimental Lidar	N
E-M	Electro-Magnetic	CO
E-O	Electro-Optic	
EA	Environmental Assessments	S
EAC	Estimate At Completion	
EAGE	Electronic Aerospace Ground Equipment	
Eb/No	Energy per Bit to Noise power density ratio	R
EBBT	Equivalent Black Body Temperatures	F
EC/EDI	Electronic Commerce/Electronic Data Interchange	
ECA	Earth Coverage Antenna	R
ECCM	Electronic Counter-Counter Measures	F
ECP	Engineering Change Proposal	
ECS	EOSDIS Core System	N
EDAC	Error Detection and Correction	TR
EDAMS	Electronic Data And Management System	H
EDC	EROS Data Center	N
EDES	Electronic Data Exchange System	
EDI	Electronic Data Interchange	H

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EDLM	Emergency on-site Depot Level Maintenance	
EDOS	EOS Data and Operations System	N
EDP	Electron Density Profiles	SP
EDR	Environmental Data Record	F
EDRD	Electronic Data Requirements Document	H
EDT	EST Data Transmitter	EP
EDU	Engineering Design Unit, Engineering Development Unit	
EED	Electro-Explosive Device	F
EELV	Evolved/Extended Expendable Launch Vehicle	F
EESS	Earth Environmental Sensor Systems	F
EIA	Earth Incidence Angle	CO
EIAP	Environmental Impact Analysis Process	S
EIFOV	Effective Instantaneous Field of View	
EIR	Environmental Impact Report	
EIRP	Effective Isotropic Radiated Power	F
EIS	Environmental Impact Statement	S
ELSET	Element Set	TR
ELT	Emergency Location Transmitter	TR
ELV	Expendable Launch Vehicle	
EMC	Electromagnetic Compatibility	F
EMD	Engineering and Manufacturing Development	
EMI	Electromagnetic Interference	F
EMOC	EOSDIS Mission Operations Center	N
EMT	Enhanced Modulation Techniques	R
EN	Evaluation Notice	
ENSO	El Nino-Southern Oscillation	CO
ENVISAT	Environmental Satellite	SR
EO	Executive Order	
EO	Electro-optical	F
EO-ICWG	Earth Observations International Coordination Working Group	N
EOC	EOS Operations Center	N
EOL	End of Life	
EOPM	Electro-Optic Phase Modulation	N
EOPS	Early Orbit Pass Summary	EP
EORC	Early Orbit Rehearsal Committee	EP
EORP	Early Orbit Run Plan	EP
EOS	Earth Observation System/Satellite	IR
EOSDIS	Earth Observing System Data & Information System	N
EOSP	Earth Observing Scanning Polarimeter	N
EOSP	Early Orbit Support Plan	EP
EOTDA	Electro-Optical Tactical Decision Aid	CO
EPA	Environmental Protection Agency	N
EPCRA	Emergency Planning and Community Right-to-Know Act	F
EPO	EOS Project Office	N
EPS	Electrical Power Subsystem	TR
EPS	EUMETSAT Polar System	IJ
ER	Environmental Reports	S
ERAST	Environmental Research Aircraft Sensor Technology	1
ERB	Earth's Radiation Budget	CO
ERBE	Earth Radiation Budget Experiment	N

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ERBS	Earth Radiation Budget Sensor/Satellite	N
EREPS	Engineering Refractive Effects Prediction System	CO
ERL	Environmental Research Laboratory	N
EROS	Earth Resources Observation System	N
ERS	Earth Resources Satellite	CO
ERTS-1	Earth Resources Technology Satellite-1	N
ESA	European Space Agency	IO
ESA	Earth Sensor Assembly	EP
ESAD	Earth Science & Applications Division (NASA HQ)	N
ESD	Electro-Static Discharge	F
ESD	Electronic Schedule Dissemination	EP
ESH	Environmental Safety and Health	S
ESMR	Electrically Scanning Microwave Radiometer	N
ESOC	Environmental Sat Ops Cen at Schriever AFB, CO. (Replaced by	TR
ESSA	Environmental Science Service Administration	
ESSC	Earth System Sciences Committee	N
ESSE	Earth System Science Education	1
ESSP	Earth System Science Pathfinder	S
EST	Equipment Status Telemetry	TR
ETM	Enhanced Thematic Mapper (Landsat)	N
EUMETSAT	European Meteorological Satellite	TR
EUMETSAT	European Organisation for the Exploitation of Meteorological Satellites	
EURD	End User Requirements Documents	IJ
EUV	Extreme Ultra Violet	IO
eV	Electron-Volt	TR
EVM	Earned Value Management	
EVMIG	Earned Value Management Implementation Guide	
EVMSC	Earned Value Management Systems Criteria	
EW	Electronic Warfare	F
EWRR	Eastern Western Range Safety Requirements	IR
EXCOM	Executive Committee	
F		
F&W	Forecasts & Warnings	CO
F/L	Forward Link	
FAFB	Falcon Air Force Base	EP
FAR	Federal Acquisition Regulation	
FAR	Flight Acceptance Review	IJ
FAS	Functional Architecture Study	
FASTC	Foreign Aerospace Science and Technology Center	
FBSOC	Falcon Back-up Satellite Operations Center	
FCA	Functional Configuration Audit	
FCC	Federal Communications Commission	N
FCCSET	Federal Coordinating Council for Science, Engineering, & Technology	N
FCMDR	Flight Commander	EP
FDD	Functional Description Document	ID
FDO	Fee Determining Official	S
FDS	Flight Demonstration System	AF
FEC	Forward Error Correction	R
FED	Federal	IR

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FEM	Finite Element Model	IR
FFRDC	Federally Funded Research and Development Center	
FFT	Fast Fourier Transform	F
FGDC	Federal Geographic Data Committee	ID
FIFE	First ISLSCP Field Experiment	N
FIPT	Financial Integrated Product Team	
FIRE	First ISCCP Regional Experiment	N
FLENUMMET..	Fleet Numerical Meteorology & Oceanography Center	EP
FLTCAT	Star Loads Catalog	EP
FM	Field Manual	IO
FMECA		IJ
FMH	Federal Meteorological Handbook	IO
FNMOC	Fleet Numerical Meteorology and Oceanography Center	IO
FNOC	Fleet Naval Oceanographic Center	CO
FOC	Full Operational Capability	IO
FOM	Flight Operations Manual	IJ
FOP	Flight Operations Plan	IJ
FOR	Field Of Regard	F
FOS	Flight Operation Segment	
FOT	Flight Operations Team	N
FOT&E	Follow-on/Full Operational Test and Evaluation	TR
FOV	Field of View	F
FPIF	Fixed Price Incentive Fee	
FQR	Formal Qualification Review	
FQT	Formal/Functional Qualification Test	
FRM HDR	Frame Header	R
FRR	Flight Readiness Review	IJ
FSD	Full-Scale Development	
FSOC	Fairchild Satellite Operations Center	CO
FSOS	Flight Support Operations and Services	
FSS	Flight Software Subsystem	H
FST	Field Support Terminal	N
Fsu	Factor of Safety - ultimate	F
FSU	Former Soviet Union	SM
FSWWG	Flight Software Working Group	EP
Fsy	Factor of Safety - yield	F
ft	foot	IR
FTA	Functional Test Assembly	H
FTP	File Transfer Protocol	
FUV	Far Ultra-Violet	CO
FVS	Flight Vehicle Simulator	TR
FY	Fiscal Year	
FYDP	Future Years Defense Plan (Formerly Five Year Defense Program)	
G		
g	Gram	F
g	gravity	IR
G	Giga (1 billion)	IR
G&A	General and Administrative	
g/m ³	Grams Per Cubic Meter	IO

CONSOLIDATED NPOESS ACRONYMS

8/31/99
Applicabilit

G/T	Gain to noise Temperature ratio	R
GAC	Global Area Coverage	N
GAIM	Global Analysis, Interpretation, & Modeling (Program)	SR
GAO	General Accounting Office	
GAP	Generalized Availability Program (Software)	
GARP	Global Atmospheric Research Program	N
GBL	Government Bill(s) of Lading	H
Gbps	gigabits per second	N
GCC	Global Change Category	N
GCDIS	Global Change Data & Information System	N
GCM	General Circulation Model	N
GCOS	Global Climate Observing System	N
GCR	Galactic Cosmic Ray	CO
GCRP	Global Change Research Program	N
GCSS	GEWEX Cloud System Study	SR
GCTE	Global Change & Terrestrial Ecosystems Program of the IGBP	N
GEDEX	Greenhouse Effect Detection Experiment	N
GEMS	Global Environmental Monitoring System	N
Geosat	Geodesy Satellite (Navy)	N
GeV	Giga-electron Volts	IO
GEWEX	Global Energy and Water Cycle Experiment	N
GFE	Government Furnished Equipment	F
Gflops	Billions of Floating Point Instructions per Second	N
GFM	Government Furnished Material	
GFO	GEOSTAT Follow-on	CO
GFP	Government Furnished Property	
GFY	Government Fiscal Year	
GGI	GPS Geoscience Experiment	N
GGS	Global Geospace Science	N
GGT	GLONASS GPSOS Time	
GHz	Giga-Hertz	F
GIM	Global Integration & Modeling	SR
GIMMS	Global Inventory Modeling & Monitoring study	N
GIS	Geographic Information System	N
GISS	Goddard Institute for Space Studies	N
GLAS	Geoscience Laser Altimeter System (formerly GLRS-A)	N
GLI	Global Imager	N
GLOCHEM	Global Observations of Atmospheric Chemistry	SR
GLONASS	Russian Global Navigation Satellite System	F
GLRS-A	Geoscience Laser Ranging System-Altimeter	N
GLRS-R	Geoscience Laser Ranging System-Ranger	N
gm	Gram	TR
GMM	Geometric Math Model	F
GMS	Geostationary Meteorological Satellite	N
GMT	Greenwich Mean Time	N
GN&C	Guidance, Navigation, & Control	IR
GNP	Gross National Product	CO
GNSS	Global Navigation Satellite System	
GOALS	Global Ocean-Atmosphere-Land System	SR
GOAS	Global Data Assimilation System	CO

CONSOLIDATED NPOESS ACRONYMS

8/31/99
Applicabilit

GOES	Geostationary Operational Environmental Satellite	N
GOME	Global Ozone Monitoring Experiment	
GOMOS	Global Ozone Monitoring by Occultation of Stars	N
GOMR	Global Ozone Monitoring Radiometer	N
GOOS	Global Ocean Observing System	SR
GORD	Ground Segment Operability Requirements Document	IJ
GOS	Geomagnetic Observing System	N
GOTS	Government Off-The-Shelf	TR
GP	(Office of) Global Programs	S
GP	General Perturbations	SP
GPC	Global Processing Center	N
GPCP	Global Precipitation Climatology Project	N
GPS	Global Positioning Satellite/System	F
GPSDR	Global Positioning System Demonstration Receiver	N
GPSOS	Global Positioning System Occultation Sensor	F
GPSR	Global Positioning System Receiver	
GRACE	Gravity Recovery & Climate Experiment	N
GRAS	GNSS Receiver for Atmospheric Sounder	
GRIB	GRIdded Binary	ID
GS	Ground Segment	IJ
GSCDR	Ground Segment Critical Design Review	IJ
GSD	Ground Sample Distance	F
GSE	Ground Support Equipment	F
GSFC	Goddard Space Flight Center	
GSM	Global Spectral Model	CO
GSR	Ground Sampled Resolution	CO
GSRR	Ground Segment Requirements Review	IJ
GSRS	Ground Segment Requirements Specification	IJ
GT	GPSOS Time	
GTCE	Global Tropospheric Chemistry Experiment	N
GTE	Global Tropospheric Experiment	N
GTE	Global Telecommunication Service	IJ
GTOS	Global Terrestrial Observing System	SR
GTS	Global Telecommunications System	N
GUI	Graphical User Interface	TR

H

HAC	House Appropriations Committee	
HALOE	Halogen Occultation Experiment	N
HAPEX	Hydrological-Atmospheric Pilot Experiment	N
HASC	House Armed Services Committee	G
HCMM/AEM-1	Heat Capacity Mapping Mission/Applications Explorer Mission	N
HCS	Horizontal Cell Size	F
HDF	Hierarchical Data Format	ID
HDR	High Data Rate	
HEDS	Human Exploration and Development of Space	1
HEO		H
HEPS	High Energy Particle Spectrometer	CO
HF	High Frequency	CO
HIA	High Incidence Angle microwave radiometry	

CONSOLIDATED NPOESS ACRONYMS

8/31/99
Applicabilit

HIJACK	Data Conversion Software	F
HILAT	High Latitude	CO
HIMSS	High-Resolution Microwave Spectrometer Sounder (replaced by MIMR)	N
HIRAS	High Resolution Analysis System	CO
HIRDLS	High-Resolution Dynamics Limb Sounder	N
HIRIS	High-Resolution Imaging Spectrometer	N
HIRS	High Resolution Infrared Radiation Sounder	
HIS	High-Resolution Interferometer Sounder	N
HMMP	Hazardous Materials Management Program	S
HMMR	High-Resolution Multifrequency Microwave Radiometer	N
HNS	Hughes Network Services	R
HOSV		H
HOTS	Holographic Optical Telescope & Scanner	
HPA	High Power Amplifier	
HPBW	Half Power Beam Width	F
HPCC	High Performance Computing & Communications	SR
HQ	Headquarters	IO
HR	Horizontal Resolution	CO
HRCP	High Resolution Cloud Prognosis	CO
HRD	High Resolution Data	
HRDI	High-Resolution Doppler Imager	N
HRI	Horizontal Reporting Interval	F
HROI	High-Resolution Optical Instrument	N
HRPT	High Resolution Picture Transmission	IO
hrs	Hours	IR
HRV	High-Resolution Video (SPOT)	N
HSB	Hughes Santa Barbara	
HSI	Human Systems Integration	IO
HSR	Horizontal Spatial Resolution	F
HSRP	High Speed Research Program	SR
HTTP	HyperText Transfer Protocol	ID
HUMINT	Human Intelligence	TR
HVAC	Heating, Ventilation, and Air Conditioning	
HWCI	Hardware Configuration Item	F
Hz	Hertz	F

I

I Inspection	TR	
I&T	Integration and Test	F
I/O	Input/Output	TR
IA&T	Integration, Assembly and Test	
IASI	Infrared Atmospheric Sounding Interferometer	
IAT	Integration and Test	S
IAW	In Accordance With	IO
IBR	Integrated Baseline Review	
ICARS	Software used by LA	
ICC	Instrument Control Center	N
ICD	Interface Control Document	F
ICE	Independent Cost Estimate	
ICE	International Cometary Explorer	N

CONSOLIDATED NPOESS ACRONYMS

8/31/99
Applicabilit

ICF	Instrument Control Facility	N
ICRR	In-orbit Commissioning Results Review	IJ
ICS	Internal Concept Study	
ICSR	Issue/Clarification/Support Report/Request form	
ICWG	Interface Control Working Group	EP
IDD	Interface Design Description Document	IR
IDP	Interface Data Processor	IR
IDPS	Interface Data Processing Segment	F
IDPS	Integrated Data Processing System	
IDS	Interdisciplinary Science	N
IEOS	International Earth Observing System	N
IFM	Ionospheric Forecast Model	CO
IFOR	Instantaneous Field of Regard	F
IFOV	Instantaneous Field of View	F
IFR	Instrument Flight Rules	CO
IGAC	International Global Atmospheric Chemistry	SR
IGAP	International Global Aerospace Program	N
IGBP	International Geosphere-Biosphere Programme	N
IGN	International Geodetic Network	SR
IGOS	Integrated Global Observing Strategy	SR
IGS	Inertial Guidance System	F
IGS	Internal Government Studies	
II	Interdisciplinary Investigator	N
IJPS	Initial Joint Polar-Orbiting Satellite system	CO
IJPS	Initial Joint Polar-orbiting System	IJ
ILAS	Improved Limb Atmospheric Spectrometer	N
ILS	Integrated Logistics Support	F
IM	Instrument Manager	
IMAS	Integrated Multi-spectral Atmospheric Sounder	
IMAS	Infrared & Microwave Atmospheric Sounder	
IMB	Investigator of Micro-Biosphere	N
IMDC	Integrated Mission Design Center	
IMETS	Integrated Meteorological System	
IMG	Interferometric Monitor for Greenhouse Gases	N
IMP	Integrated Master Plan	
IMS	Integrated Master Schedule	
IMS	Information Management System	N
IMT	Instrument Management Team	
IMTL	Instrument Management Team Lead	
in	inch	N
INFOSEC	Information Security	IO
IOC	Initial Operational Capability	F
IOC	Intergovernmental Oceanographic Commission	N
IORD	Integrated Operational Requirements Document	F
IOT&E	Initial Operational Test and Evaluation	F
IPACS	Integrated Polar Acquisition & Control System	CO
IPB	Intelligence Preparation of the Battlefield	CO
IPCC	Intergovernmental Panel on Climate Change	N
IPCC	International Panel on Climate Change	CO
IPD	Integrated Product Development	

CONSOLIDATED NPOESS ACRONYMS

8/31/99
Applicabilit

IPEI	Ionosphere Plasma & Electrodynamics Instrument	N
IPO	Integrated Program Office	F
IPR	In-Progress/Process Review	
IPT	Integrated Product Team	
IR	Infrared	F
IRA	Internal Resolutions/Answers	I
IRD	Interface Requirements Document	F
IRI	International Research Institute	SR
IRIS	Infrared Interferometer Spectrometer	N
IRON	Inter-Range Operating Number	EP
IRTS	Infrared Temperature Sounder	N
ISAMS	Improved Stratospheric and Mesospheric Sounder	N
ISC HCI	Integrated Satellite Control Human Computer Interface	TR
ISCCP	International Satellite Cloud Climatology Project	N
ISCR	Issue/Clarification/Support Request form	I
ISEE	International Sun-Earth Explorer	N
ISI	Integral Systems, Inc.	
ISIR	International Space Industry Report	
ISLSCP	International Satellite Land Surface Climatology Project	N
ISO	International Organization for Standardization	IR
ISP	Integrated Support Plan	
IST	Instrument Support Terminal	N
ISTP	International Solar Terrestrial Physics	N
ITCZ	Intertropical Convergence Zone	SM
ITIR	Infrared Thermal Imaging Radiometer (renamed ASTER)	N
ITOS	Improved TIROS Operations System	
ITP	Integrated Test Plan	
ITPS	Integrated Test Program Schedule	S
ITS	Interferometric Temperature/Thermal Sounder	S
ITU	International Telecommunications Union	F
ITZ	Intertropical Convergence Zone	CO
IV&V	Independent Verification & Validation	N
IW	Information Warfare	F
IWEDA	Integrated Weather Effects Decision Aid	CO
IWG	Investigators Working Group	N
IWGDMGC	Interagency Working Group on Data Management for Global Change	N
IWPTB	Integrated Weather Product Test Bed	

J

JARC	Joint Agency Requirements Council	
JARG	Joint Agency Requirements Group	
JCCB	Joint Configuration Control Board	IJ
JGOFS	Joint Global Ocean Flux Study Program of the IGBP	N
JIC	Joint Ice Center	CO
JORP	Joint Operations, Rules & Procedures	IJ
JOTFOC	Justification for Other Than Full & Open Competition	
JOVE	Joint Ventures	1
JPEG	Joint Photographic Experts Group	ID
JPL	Jet Propulsion Laboratory	N
JPS	Joint Polar-orbiting Satellite system	CO

CONSOLIDATED NPOESS ACRONYMS

8/31/99
Applicabilit

JROC Joint Requirements Oversight Council
JSC Johnson Spaceflight Center
JTA Joint Technical Architecture
JTFST Joint Task Force Satellite Terminal

F
F

K

K Kelvin
k kilo (1000)
Ka Region in RF Spectrum (27.5--29.5 GHz)
kbps Kilobits per second
Kbps Kilo (10³) bits per second
KCMLL Consolidated Memory Load Listing
keV Kilo-electron Volts
Kev Kilo-electron Volts
KEW Kinetic Energy Weapon
kg Kilogram
Kg Kilogram
kg/m² Kilogram Per Square Meter
kHz Kilohertz
kJ kilojoule (energy measure)
KLOC Kilo-Lines of Code (software)
km Kilometer
KPP Key Performance Parameter
kR Kilo Rayleighs
Ku Region in RF Spectrum (20.0--30.0 GHz)
kW kilowatt

IO
IR

F
TR
EP
IO
TR
F
F
IR
IO
F
N

N

L

LAC Local Area Coverage
LADS Low Altitude Demonstration System
LAGEOS Laser Geodynamics Satellite
Landsat Land Remote Sensing Satellite
LANL Los Alamos National Laboratory
LaRC Langley Research Center
LATI Landsat Advanced Technology Instrument
LAWS Laser/Large Atmospheric Wind Sounder
LCC Life Cycle Cost
LCCE Life Cycle Cost Estimate
LCSP LEOP and Commissioning Support Plan
LDA Launch Deployment Authority
LDR Low Data Rate
LEFI Local Electric Field Instrument
LEO Launch and Early Orbit
LEO Lockheed Engineering Office
LEO Low Earth Orbit
LEO+A Launch, Early Orbit, & Anomaly Resolution
LEOD Low Earth Orbiting Division
LEOP Launch and Early Orbit Phase
LERR LEOP Readiness Review
LET Linear Energy Transfer (Spectrum)
LHCP Left-hand Circular Polarization

N
AF
N
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1
N

IJ
CO

N

H

IJ
IJ
IJ
F
F

CONSOLIDATED NPOESS ACRONYMS

8/31/99

		Applicabilit
LIDAR	Light Detection & Ranging instrument	N
LIDQA	LANDSAT Image Data Quality Analysis	N
LIMS	Limb Infrared Monitor of the Stratosphere	N
LIS	Lightning Imaging Sensor	N
LITE	Lidar In-space Technology Experiment	N
LL	Low Light	CO
LLTIL	Long Lead Time Items List	TR
LMMS	Lockheed Martin Missiles and Space	EP
LODM	Data Memory Load	EP
LOE	Level of Effort	S
LOGM	Gain Memory Load	EP
LOGO	Limitation of Government Obligations	
LOMM	Mail Memory Load	EP
LORE	Limb Ozone Retrieval Experiment	AL
LOS	Line-of-Sight	F
LOS	Loss of Signal	TR
LPM	Landsat Program Management	1
LR	Laser Retroreflector	N
LRA	Laser Retroreflector Array	N
LRC	Lesser Regional Contingency	
LRD	Low Resolution Data	
LRPT	Low Resolution Picture Transmission	IO
LRR	Launch Readiness Review	EP
LRU	Line Replaceable Unit	IO
LSA	Logistics Support Analysis	TR
LSA	Launch Service Agreement	IJ
LSAR	Logistics Support Analysis Report	
LSCT	Stored Command Table Load	EP
LSI	Launch Service Implementation	
LSPR	Ephemeris Loads	EP
LSS	Launch Support Segment	TR
LSSC	Star Loads	EP
LST	Local Solar Time/Land Surface Temperature	F
LSTDP	Logistic Support Technical Data Package	H
LTS	Long Term Stability	G
LUT	Local User Terminal	TR
LV	Launch Vehicle	F
LWIR	Long Wave Infrared	
M		
m	Micron, micrometers	
m	Meters	F
M	mega (1 million)	IR
m/s	Meters per second	IO
m ²	Meters Squared (Square Meters)	IO
MA	Multiple Access	
MAA	Mission Area Assessment	
MAESA	Measurements for Assessing the Effects of Stratospheric Aircraft	SR
MAGE	Mechanical Aerospace Ground Equipment	
Magsat	Magnetic Field Satellite	N

CONSOLIDATED NPOESS ACRONYMS

8/31/99
Applicabilit

MAHLOVS	Middle & High Latitudes Oceanic Variability Study	N
MAHRSI	Middle Atmosphere High Resolution Spectrographic Investigation	SR
MAIS	Major Automated Information System	C
MAP	Mission Area Plan	
MAPS	Measurement of Atmospheric Pollution from Satellites	N
Mark III	Model AN/TMQ-37 TACTERM	IO
Mark IV	Model AN/TMQ-35 TACTERM	IO
Mark IVB	Model AN/UMQ-13 TACTERM	IO
MAS	Millimeterwave Atmospheric Sounder	CO
max	maximum	IR
mb	Millibar	IO
Mb	Megabits	IO
MB	Megabytes	IO
Mbps	Megabits-per-second	TR
Mbps	Mega (10E6) bits per second	
MCC	Mission Control Center	N
McIDAS	Man-computer Interactive Data Access System	N
MCP	Meteorological Communications Package	N
MCS		H
MCSB		H
MD	Maryland	IO
MDA	Milestone Decision Authority	
MDAP	Mandatory Procedures for Major Defense Acquisition Programs	C
MDE		H
MDI	Multi-Disciplinary Intelligence	TR
MDPU	Multiplexing Protocol Data Unit	IJ
MDR	Mission Data Recovery	CO
MDT	Mean Down Time	TR
ME	Mission Effectiveness	TR
Meg	Mega (1 million)	IR
MEPED	Medium Energy Proton & Electron Detector	N
MEPS	Medium Energy Particle Spectrometer	CO
MERIS	Medium Resolution Imaging Spectrometer	N
MESSR	Multispectral Electronic Self-scanning Radiometer	N
METEOSAT	Geosynchronous Meteorology Satellite	N
METOC	Meteorological & Oceanographic	CO
METOP	Meteorological Ops/EUMETSAT Meteorological Observation Satellite	F
MetSat	Meteorological Satellite	
MeV	Million-electron Volts	IO
MFE	Magnetic Field Experiment	N
mg/l	Milligrams Per Liter	IO
mg/m ³	Milligrams Per Cubic Meter	IO
MHS	Microwave Humidity Sounder	F
MHz	Mega-hertz	IO
MHz	Mega (10E6) Hertz (cycles per sec)	TR
MICM	Multi-Variable Instrument Cost Model	CO
MIL	Military	IR
MIL-HDBK	Military Handbook	TR
MIL-STD	Military Standard	TR
MIMES	Multispectral Imagery Materials Exploitation System	

CONSOLIDATED NPOESS ACRONYMS

8/31/99

		Applicabilit
MIMR	Multi-frequency Imaging Microwave Radiometer	N
min	Minutes	IR
MIPAS	Michelson Interferometric Passive Atmosphere Sounder	N
MIPT	Management Integrated Product Team	S
MIR	AFSCN Mission Impact Report	EP
MISR	Multi-angle Imaging Spectro-Radiometer	N
MISS	Microwave Imager Sounder Sensor	CO
MIWAR	Millimeter Wave Radar	T
MLI	Multi-Layer Insulation	F
MLS	Microwave Limb Sounder	N
MLV	Medium Launch Vehicle	F
mm	Millimeter	IR
mm	Milli (10 ⁻³)-meter	TR
mm/hr	Millimeters Per Hour	IO
mm/m ²	Millimeters Per Square Meter	IO
MM5	Mesoscale Model--version 5	
MM90	Mesoscale Model for the 1990s	
MMA	Moving Mechanical Assembly	F
MMD	Mean Mission Duration	TR
MMIC	Microwave Monolithic Integrated Circuits	T
MNS	Mission Need Statement	IO
MO&DA	Mission Operations & Data Analysis	SR
MOA	Memorandum of Agreement	IR
MOCI	Mission Operations Configuration Item	
MODIS	Moderate Resolution Imaging Spectroradiometer	
MOE	Measure of Effectiveness	CO
MOLS	Multispectral Operational Linescan System	
MOM	Mission Operations Manager	N
MOPITT	Measurement of Pollution in the Troposphere	N
MOPP	Multi-Oriented Protective Posture	CO
MOS-1	Marine Observation Satellite (Japan)	N
MOU	Memorandum of Understanding	N
MPC	Most Probable Cost	
MPDU	Multiplexing Protocol Data Unit	
MPE	Mission to Planet Earth	N
MPSOC	Multi-Purpose Satellite Operations Center	CO
MR	Mission Reliability	
MR	Management Reserve	
MRB	Material Review Board	IJ
MRC	Major Regional Contingency	
MS	Milestone	
MS-1	Milestone I	S
MS-II	Milestone II	S
MS-III	Milestone III	S
msec	Milli-seconds	
MSFC	Marshall Space Flight Center	N
MSFM	Magnetospheric Specification & Forecast Model	CO
MSI&T	Mission Systems Integration & Test	CO
MSM	Magnetospheric Specification Model	CO
MSR	Mission Success Rate	EP

CONSOLIDATED NPOESS ACRONYMS

8/31/99
Applicabilit

MSS	Multispectral Scanner (Landsat)	N
MSTRS	Miniature Satellite Threat Reporting System	CO
MSU	Microwave Sounding Unit	
MSX	Midcourse Space Experiment	SR
MTBCF	Mean Time Between Critical Failures	F
MTBDE	Mean Time Between Downing Events	IO
MTBF	Mean Time Between Failure	TR
MTF	Mean Time to Failure	
MTF	Modulation Transfer Function	G
MTPE	Mission to Planet Earth	
MTR	Mid-term Review	IJ
MTS	Microwave Temperature Sounder	N
MTTR	Mean Time To Repair	IO
MTTRF	Mean Time To Restore Function	F
MUA	Military Unique Operations	CO
MUSL	Minimum Useful Satellite Lifetime	
mV	Milli-volt	TR
MW	Microwave	CO
MWIR	Mid-Wave Infrared	
N		
N/A	Not Applicable	TR
NACEM	NPOESS Acquisition Cost Estimating Model	
NADIS	Neutral Atmospheric Daytime Ionospheric Sensor	CO
NAIC	National Air Intelligence Center	F
NAIC	National Astronomy & Ionosphere Center	
NAR	NPOESS contract Action Request form	
NARSTO	North American Research Strategy for Tropospheric Ozone	SR
NASA	National Aeronautics and Space Administration	F
NASA JSC	NASA Johnson Space Center	TR
NASCOM	NASA Communications network	N
NASEM	NPOESS Aerospace System Engineering Methodology	
NAST	NPOESS Aircraft/Airborne Sounder Testbed	
NASTRAN	NASA Structural Analysis	IR
NATO	North Atlantic Treaty Organization	IO
NATOPS	NATO Operations	CO
NAVOCEANO	Naval Oceanographic Office	IO
NBC	Nuclear, Biological, and Chemical	IO
NBIOME	Northern Biosphere Observation and Modeling Experiment	N
NBIS	Northern Biosphere Information System	N
NCA	National Command Authority	TR
NCA	Notice of Contract Action	
NCAR	National Center for Atmospheric Research	N
NCC	Network Control Center	N
NCC	Negotiated Contract Cost	
NCDC	National Climatic Data Center	N
NCEP	National Center for Environmental Prediction	SR
NCR	Non Conformance Report	IJ
NDI	Non-Developmental Item	IO
NDP	Neutral Density Profile	SP

CONSOLIDATED NPOESS ACRONYMS

8/31/99
Applicabilit

NDSC	Network for the Detection of Stratospheric Change	N
NDVI	Normalized Difference Vegetation Index	
NE	Nebraska	EP
NEA	Non-Explosive Actuator	F
NEdN	Noise Equivalent Radiance Difference	F
NEdT	Noise Equivalent Temperature Difference	F
NEPA	National Environmental Policy Act	S
NERC	National Environmental Research Center	N
NESDIS	National Environmental Satellite, Data, and Information Service	F
NEVADA		F
NF	NOFORN (Not Releasable to Foreign Nationals)	IO
NG	Northrup Grumman	EP
NIC	National Ice Center	CO
NICMOS	Near Infrared Camera & Multi-Object Spectrometer	AF
Nimbus	NASA Meteorological Satellites	N
NIR	Near Infrared	
NIST	National Institute of Standards and Technology	F
NM	Nautical mile	IO
nm	Nano (10-9) meters	
NMC	National Meteorological Center	N
NMFS	National Marine Fisheries Service	
nmi	Nautical Mile	
NMP	New Millennium Program	SR
NOAA	National Oceanic and Atmospheric Administration	F
NOARL	Naval Oceanographic & Atmospheric Research Laboratory	CO
NOCA	Notice Of Contract Action	
NODS	NASA Ocean Data System	N
NOFORN	Not Releasable to Foreign Nationals	F
NONSTOP		F
NORAD	North American Aerospace Defense Command	IO
NORDA	Naval Ocean Research & Development Activity	N
NOS	National Ocean Service	
NOSS	National Oceanic Satellite System	N
NOSSA	Notice of Source Selection Action	
NOW	NOAA's Ocean Wave Model	CO
NPOESS	National Polar-orbiting Operational Environmental Satellite System	F
NPOP	NASA Polar Orbiting Platform	N
NPP	NPOESS Preparatory Project	
NPR	National Performance Review	S
NRE	Non-Recurring Expenditure	
NRL	Naval Research Laboratory	N
NRZ	Not/Non-Return To Zero	F
ns	Nano-seconds	F
NSA	National Security Agency	IO
NSCAT	NASA Scatterometer	N
NSCP	National Satellite Communication Program	
NSF	National Science Foundation	N
NSIDC	National Snow & Ice Data Center	N
NSSDC	National Space Science Data Center	N
NSTC	National Science and Technology Center/Council	S

CONSOLIDATED NPOESS ACRONYMS

8/31/99

		Applicabilit
NSTS	National Space Transportation System	N
nT	Nano-Tesla	IO
NTIA	National Telecommunication Information Agency	F
NVD		CO
NVR	Non-Volatile Residue	F
NWP	Numerical Weather Prediction	CO
NWS	National Weather Service	IO
NWSTG	National Weather Service Telecommunications Gateway	ID
O		
O&I	Oceans & Ice	CO
O&S	Operations and Support	
OA	Operational Assessment	S
OAR	Office of Oceanic and Atmospheric Research	
OASPL	Overall Sound Pressure Level	IR
OATs	Operational Algorithm Teams (Government)	F
OBC	On-Board Computer	
OBP	On-board Processor	
OC	Optimized Convergence	
OCC	Operations Control Center	N
OCI	Organizational Conflict of Interest	S
OCS	Optimized Convergence System	CO
oct	octave	IR
OCT	Operational Commanding Test	EP
OCTS	Japanese Ocean Color Temperature Scanner	N
ODIS	Operations Data & Information Systems	SR
ODS	Ozone Depleting Substance	F
ODUS	Ozone Dynamics Ultraviolet Spectrometer	CO
OEM	Original Equipment Manufacturer	
OFCM	Office of the Federal Coordinator for Meteorology	
OIPT	Overarching Integrated Product Team	
OLME	Ozone Layer Monitoring Experiment	SR
OLR	Outgoing Longwave Radiation	SR
OLS	Operational Linescan System	
OMA	Operation & Maintenance (Appropriation)	CO
OMB	Office of Management & Budget	1
OMI	Ozone Monitoring Instrument	IJ
OMIS	Operational Multi-spectral Imager Suite	CO
OMPS	Ozone Mapping and Profiler Suite	F
ONR	Office of Naval Research	N
ONSPR	One Hundred Rev Summary	EP
OOL	Out-of-Limits	EP
OOWG	Orbital Operations Working Group	EP
OPC		CO
OPCON	Operational Control	EP
OPD	Optical Path Difference	F
OPM	Office of Personnel Management	
OPR	Office of Primary Responsibility	
OPS	Optical Sensor	N
OPS	Ozone Profiler/Monitor Suite	CO

CONSOLIDATED NPOESS ACRONYMS

8/31/99
Applicabilit

OPSEC	Operations Security	IO
OR	Operational Requirement	IO
ORA	Office of Research and Applications	IJ
ORD	Operational Requirements Document	F
OSAT	Office of Space Access & Technology	1
OSD	Office of the Secretary of Defense	
OSD	Office of Software Development	
OSDPD	Office of Satellite Data Processing & Distribution	IJ
OSO	Office of Satellite Operations	EP
OSS	Office of Space Science	1
OSSA	Office of Space Science & Applications (NASA HQ)	N
OSSE	Observing System Simulation Experiments	
OSTP	Office of Science and Technology Policy	IR
OSV	Operational System Validation	IJ
OSVR	OSV Review	IJ
OT&E	Operational Test and Evaluation	IO
OTA	Operational Test Agency	S
OTB	Over Target Baseline	
OTC	Ozone Total Column	CO
OTCP	Ozone Total Column Profile	
OTH	Over the Horizon	CO
OTIS	Ocean Thermal Interpolation System	CO
OTSR	Optimum Track Ship Routing	CO
OTSU	On-orbit Technical Support Unit	EP
OWC	Ocean Wave Characteristics	CO
P		
P ³ I	Potential Pre-planned Product Improvement	F
PA	Point Analysis	CO
PA&E	Program Analysis and Evaluation	
PACS	Polar Acquisition & Control System	CO
PAD	Program Approval Document	N
PAGES	Past Global Changes	N
PAM	Payload Activation Message	EP
PAP	Program Action Plan	EP
PAR	Proposal Analysis Report	
PAUC	Program Acquisition Unit Cost	
PBD	Program Budget Decision	
PBR	Playback & Record	CO
PC	Personal Computer	N
PCA	Physical Configuration Audit	
PCA	Polar Cap Absorption	CO
PCDAS	Polar Command & Data Acquisition Station	IJ
PCO	Procurement Contracting Officer	
PDD	Presidential Decision Directive	IR
PDF	Portable Document Format	
PDM	Program Decision Memorandum	
PDR	Preliminary Design Review	F
PDRG	Preliminary Design Review Guidance	
PDRR	Program Definition & Risk Reduction	CO

CONSOLIDATED NPOESS ACRONYMS

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PE	Planning Estimate	
PEM	Particle Environment Monitor	N
PEM	Program Element Monitor/Pacific Exploratory Mission	CO
PEO	Program Executive Officer	
PER	Pre-Environmental Review	IJ
PFM	Phase Frequency Modulation	
PFU	Protoflight Unit	
PGM	Precision Guided Munitions	IO
PGS	Product Generation System	N
PHS&T	Packaging, Handling, Storage, and Transportation	F
PI	Principal Investigator	N
PIBS	Polar Information Bulletins	IJ
PILPS	Project for Intercomparison of Land Parameterization Schemes	SR
PIP	Programmable Information Processor	
PIP	Program Implementation Plan	IJ
PITF	Payload Integration & Test Facility	
Pk	Probability of Kill	CO
PKT HDR	Packet Header	R
PL	Public Law	
PLCCE		
PLF	Payload Fairing	F
PMB	Performance Measurement Baseline	
PMC	Pressure-Modulator Cell	N
PMD	Program Management Directive	
PME	Precision Measurement Equipment, Prime Mission Equipment	
PMIR	Pressure Modulator Infrared Radiometer	N
PMM	Physical Mass Model	
PMO	Program Management Office	C
PMP	Parts, Materials, and Processes	
PMPCB	Parts, Materials and Processes Control Board	IR
PMR	Pressure Modulator Radiometer	N
PMR	Program Manager Review	
POAM	Polar Ozone & Aerosols Mission	SR
POC	Polar Oceanography Center	CO
POC	Point Of Contact	
POCC	Payload Operations Control Center	N
POD	Precise Orbit Determination	F
POD	Physical Oceanography Division (at OMA)	CO
POE	Program Office Estimate	
POEM	Polar Orbiting Earth Mission	N
POEMS	Positron Electron Magnetic Spectrometer	N
POES	Polar-orbiting Operational Environmental Satellite	F
POGO	Polar-Orbiting Geophysical Observatory	N
POLARIS	Photochemistry of Ozone Loss in Arctic Region in Summer	SR
POLDER	Polarization & Directionality of Reflectances	N
POLFS	Polar Exchange at the Sea Surface	N
POM	Program Objective Memorandum	
POSIX	Portable Operating System Interface for Computer Environments	F
PP	Planning Package	
ppbv	Parts Per Billion By Volume	TR

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PPDU	Path Protocol Data Unit	
PPL	Provisioning Parts List	TR
ppmv	Parts per million by volume	IO
PPR	Photopolarimeter Radiometer	N
pps	Pulses Per Second	F
ppt	parts per trillion	N
PQA	Procurement Quality Assurance	
PQT	Preliminary Qualification Test	
PR	Precipitation Radar	N
PRADS	Precision Altitude Determination Software	EP
PRAG	Performance Risk Assessment Group	
PRARE	Precision Range & Rate Equipment	N
PRB	Preliminary Review Board	
PRF	Pulse Repetition Frequency	N
PRISM	Paramatized Real-time Ionosphere Specification Model	CO
PRR	Production Readiness Review	TR
PS	Propulsion Subsystem	
PSC	Polar Stratospheric Cloud	N
PSE	Peculiar Support Equipment	IO
PSF	Point Spread Function	
PSK	Phase Shift Keyed	R
PSO	Project Science Office	N
PSR	Pre Shipment Review	IJ
PSYOP	Psychological Operations	CO
PTC	Pragmatic Trellis Code	R
PTF	Payload Test Facility	IO
PTT	Platform Transmitter Terminals	TR
PWB	Printed Wiring Board	N
PWBS	Preliminary Work Breakdown Structure	
Q		
QBO	Quasi-Biennial Oscillation	SR
QC	Quality Control	N
QPSK	Quadrphase Phase-Shift Keying	TR
QRR	Qualification Results Review	IJ
R		
R	Rayleighs	TR
R&D	Research & Development	CO
R/L	Return Link	
RA	Radar Altimeter	N
RA	Requirement Analysis	IJ
RAD	Radiation	R
RAD	Requirements Allocation Document	H
Radarsat	Canadian Synthetic Aperture Radar Satellite	N
RAO	Resource Analysis Office	CO
RAR	Requirement Analysis Review	IJ
RBTEC	Ramsey-Bussey Total Electron Content model	CO
RCM	Requirements Correlation Matrix	IO
RCM	Run Command Message	EP
RD	Reference Document	IJ

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RDAV	Requirements Development And Validation	F
RDM	Requirements Development Manager	H
RDR	Raw Data Record	F
RDS	Real-time Data Smooth	
RDT&E	Research, Development, Test & Engineering	DA
RE	Recurring Expenditure	
RF	Radio Frequency	IO
RFD	Request For Deviation	
RFI	Radio Frequency Interference	EP
RFP	Request For Proposals	
RFPSO	Request For Proposal Support Office	
RFS	Reusable Flight Software	H
RFW	Request for Waiver	IJ
RGMM	Reduced Geometric Math Model	IR
RGS	Relay Ground Station	H
RH	Relative Humidity	IO
RHCP	Right-Hand Circular Polarization	F
RI	Requirement Issue	F
RID	Review Item Discrepancy	IJ
RIS	Retroreflector In Space	N
Rm	Meteorological Range	G
RM&A	Reliability, Maintainability, and Availability	TR
RMA	Reliability, Maintainability, and Availability	IO
RMP	Requirements Master Plan	S
RMS	Root Mean Square	F
RMS	Resource Management System	EP
RMSE	Root Mean Square Error	
ROM	Rough Order of Magnitude	
ROTHR	Relocatable Over the Horizon Radar	CO
RPA-D	Retarding Potential Analyzer & Drift (meter)	CO
RPIE	Real Property Installed Equipment	TR
rpm	revolutions per minute	N
RPV	Remotely Piloted Vehicle	1
RRW	Relative Risk Weighting process	
RS	Reed-Solomon code	R
RSAS	Rayleigh Scatter Attitude Sensor	AL
RSICM	Remote Sensing Instrument Cost Model	
RSS	Root of the Sum of the Squares	TR
RT	Remote/Relocatable Terminal	F
RTD	Real Time Data	
RTMM	Reduced Thermal Math Model	IR
RTNEPH	Real Time Nephanalysis model	CO
RTS	Remote Tracking Station	IO
RVTM	Requirements Verification Traceability Matrix	
RWM	Relocatable Window Model	CO
RXO	Redundant Crystal Oscillator	EP
S		
s	Second	TR
S	Secret	IO

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		Applicabilit
S	Similarity	TR
S&F	Store & Forward	CO
S&I	Surveys and Investigations	S
S&R	Search and Rescue	F
S&R	Search & Rescue	TR
S&SE	Solar & Space Environment	CO
S-band	Region of RF Spectrum	
S-GCOS	Space-based Global Change Observation System	N
S/A	Selective Availability (GPS Satellites)	F
S/C	Spacecraft	IR
S/NF/WN	Secret/No Foreign/Wnintel	IO
S1RR	S1 Release Review	IJ
SA	Single Aperture	
SA	Solar Array	
SAC	Strategic Air Command/Senate Appropriations Committee	
SADARM	Sense & Destroy Armor	CO
SADLAG	Solar Array Drive Lead Angle	EP
SAE	Service Acquisition Executive	
SAF	Secretary of the Air Force	
SAF/AQ	Secretary of the Air Force for Acquisitions	
SAF/FMC	Secretary of the Air Force for Cost & Economics	
SAFIRE	Spectroscopy of the Atmosphere Using Far Infrared Emission	N
SAGE	Stratospheric Aerosol & Gas Experiment	N
SAIP	Spares Acquisition In conjunction with Production	TR
SAM	Stratospheric Aerosol Measurement	N
SAM	Surface to Air Missile	
SAMP	Single Acquisition Management Plan	
SAMP	School of Advanced Military Studies	
SAMS	Stratospheric and Mesospheric Sounder	N
SAMS	System Anomaly Monitoring Status	EP
SAO	System Acquisition Office	EP
SAP	Safety Assessment Plan	
SAR	Selected Acquisition Report	
SAR	Synthetic Aperture Radar	N
SAR	Safety Assessment Report	
SAR	Search And Rescue	
SAR	Satellite Access Request	
SARC	Systems Acquisition Review Council	G
SARP	Search and Rescue Processor	TR
SARR	SARSAT S&R Repeater	F
SARSAT	Search And Rescue Satellite Aided Tracking	F
SARVI	Soil and Atmosphere Resistant Vegetation Index	IJ
SAS	Solar Aspect Sensor	SM
SAS	Special Ammunition Storage	
SASC	Senate Armed Services Committee	
SASC	SBIRS Auxiliary Support Center	H
SASS	Subsonic Assessment	SR
SAT	Satellite Acquisition Table Data File	EP
SATCOM	Satellite Communications	CO
SBIRS	Space Based Infrared System	T

CONSOLIDATED NPOESS ACRONYMS

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Applicabilit

SBRs	Santa Barbara Remote Sensing organization	
SBUV	Solar Backscatter Ultraviolet radiometer	
SCA	Satellite Control Authority	F
SCANSAT	Scanning Scatterometer	N
SCARABE	Scanning Radiation Budget Experiment	N
SCC	Satellite Command and Control	EP
SCCR	Spacecraft Configuration Change Request	EP
SCD	Sensor Correction Data	IJ
SCF	Scientific Computing Facility	N
SCG	Security Classification Guide	
SCIAMACHY	Scientific Image Absorption Spectrometer for Atmospheric	N
SCM	Spacecraft Cost Model	CO
SCOPE	Scientific Committee on Problems of the Environment	N
SCOR	Scientific Committee for Oceanographic Research	N
SCP	Service Cost Position	
SCP	Standard Controls Processor	EP
SCPS	Space Communication Protocol Standards	F
SCR	Selective Chopper Radiometer	SM
SCR	System Concept Review	IJ
SCRR	System Commissioning Result Review	IJ
SCT	Stored Command Table	EP
SDC	Surface Data Collection	F
SDCE	Software Development Capability Evaluation	
SDF	Stored Data Fine	
SDR	Sensor Data Record	F
SDR	System Design Review	
SDS	Stored Data Smooth	
SDT	Situation Determination Team	EP
SDTP	System Development and Test Plan	IJ
SE/PM	Systems Engineering/Program Management	CO
Seasat	Sea Satellite	N
SeaStar	Spacecraft flying SeaWiFs	N
SeaWiFs	Sea-viewing Wide Field-of-view Sensor	N
sec	Seconds	IR
SEC	Space Environment Center (NOAA)	SP
SEC	Science Executive Committee of the IWG	N
SEE	Space Environment & Effects program (NASA)	
SEER	System Evaluation & Estimate of Resources	CO
SEERS	Space Environmental Exploitation Requirements Seminar	SP
SEG HDR	Segment Header	R
SEIT	System Engineering, Integration, and Test	H
SEM	Space Environment Monitor	N
SEMA	Space Environment Mission Area	SP
SEP	Spherical Error Probable	TR
SERD	Support Equipment Recommendation Data	TR
SES	Space Environmental Suite/Sensor	TR
SESA	Space Environmental Support Architecture	SP
SESG	Space Environment Steering Group	SP
SESS	Space Environmental Sensor Suite	CO
SEV	System Engineering Validation	IJ

CONSOLIDATED NPOESS ACRONYMS

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Applicabilit

SFAF	Standard Frequency Action Format	
sfc	Surface	IO
Sfc	Surface	
SFC	Space Forecast Center	TR
SFCTMP	Surface Temperature model	CO
SFR	System Functional Review	
SGDB	Satellite Global Database	CO
SGICD	Space-to-Ground Interface Control Document	IJ
SGLS	Satellite Ground Link System	F
SGS	Soviet(?) Geodetic System (SGS-85)	
SI	International System of Units (Metric)	F
SI	Solar Influences	N
SICM	Scientific Instrument Cost Model	CO
SILAS	Stereo Imager/Lidar Atmospheric Sounder	T
SINDA	Systems Improved Numerical Differencing Analyzer	F
SIP	Standard Interface Plane	F
SIR	Spaceborne Imaging Radar	N
SIU	Satellite Interface Unit	IJ
SLIES	Stratospheric Limb Infrared Emission Spectrometer	N
SLOC	Software Line of Code	
SM	Soil Moisture	CO
SM-ALC	Sacramento Air Logistics Center	S
SMA	Solar Monitor Assembly	SM
SMC	Space and Missile Systems Center	IO
SMC	System Management Center	N
SMD	Stored Mission Data	TR
SME	Solar Mesosphere Explorer	N
SMIP	Seasonal Model Intercomparison Project	SR
SMMR	Scanning Multichannel Microwave Radiometer	N
SMOP	Satellite Measurement of Oceanographic Parameters	IO
SMQ-11	USN Tactical Terminal	IO
SMS	Structures and Mechanisms Subsystem	TR
SMS	Synchronous Meteorological Satellite	N
SMSPM	Soil Moisture Strength Prediction Model	CO
SN	Space Network	N
SNODEP	Snow Depth model	CO
SNR	Signal-to-Noise Ratio	F
SOAP	Satellite Orbital Analysis Program	N
SOC	Satellite/Space Operations Center	F
SOC	Statement of Capabilities	
SOC-61	Environmental Satellite Ops Center at Schriever AFB, CO (See ESOC)	
SOCC	Satellite Operations Control Center (Suitland, MD)	TR
SOF	Special Operations Forces	CO
SOH	State of Health	F
SOLO	Solar & Heliospheric Observatory	
SOLSE	Shuttle Ozone Limb Scatter Experiment	AL
SOLSTICE	Solar Stellar Irradiance Comparison Experiment	N
SON	Statement of Need	IO
SONET	Synchronous Optical Network	CO
SOO	Statement Of Objectives	

CONSOLIDATED NPOESS ACRONYMS

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		Applicabilit
SOPG	System Operations Protect Guide	EP
SOPS	Space/Satellite Operations Squadron	CO
SOW	Statement Of Work	
SOWM	Spectral Ocean Wave Model	CO
SP	Special Perturbations	SP
SPADE	Stratospheric Photochemistry, Aerosols, & Dynamics Expedition	SR
SPAN	Space Physics Analysis Network	N
SPARC	Stratospheric Processes & their Role in Climate	N
SPAWAR	Space & Naval Warfare Systems Center	
SPD	System Program Director	
SPD&RR	System Program Definition & Risk Reduction	
SPI	Schedule Performance Index	
SPO	System Program Office	CO
SPS	Security Police Squadron	EP
SPSO	Science Processing Support Office	N
SQPSK	Staggered Quadriphase Phase-Shift Keying	TR
sr	Steradian	TR
SR	Scanning Radiometer	
SRB	Surface Radiation Budget	SR
SRB	Solicitation Review Board	
SRD	Sensor Requirements Document	F
SRR	System Requirements Review	F
SS	Space Segment	F
SSA	Source Selection Authority	
SSAC	Source Selection Advisory Council	
SSALT	Solid-State Radar Altimeter	N
SSB/X	Special Sensor Gamma & X-ray Detector	CO
SSCM	Spacecraft Subsystems Cost Model	CO
SSE	System Security Engineering	
SSEB	Source Selection Evaluation Board	
SSEG	Source Selection Evaluation Guide	
SSET	Source Selection Evaluation Team	
SSF	Source Selection Facility	
SSF	Space Segment Simulator Facility	IJ
SSH/T	Sea Surface Height/Topography	CO
SSI/ES	Special Sensor for Ions & Electrical Plasma Drift/Scintillation	CO
SSJ/4	Special Sensor Precipitating Charged Particle Spectrometer	CO
SSL	Secure Sockets Layer	
SSM	Special Sensor Fluxgate Magnetometer	CO
SSMI/S	Special Sensor Microwave Imager/Sounder/Suite	S
SSO	Satellite Systems Operator	EP
SSOC	Suitland Satellite Operations Center	
SSP	Source Selection Plan	F
SSP	System Safety Plan	
SSR	Solid State Recorder	
SSR	Software Specification Review	
SSST		
SST	Sea Surface Temperature	F
SSTP	Solid State TOMS Profiler	CO
SSU	Stratospheric Sounding Unit	

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		Applicabilit
SSULI	Special Sensor Ultraviolet Limb Imager	CO
SSUSI	Special Sensor Ultraviolet Spectrographic Imager	CO
SSVT	Satellite Simulator Validation Test	IJ
SSW	Sea Surface Winds	CO
STA	System Threat Assessment	
STAR	System Threat Assessment Report	F
STD	Standard	IR
STDN	Spaceflight Tracking and Data Network	TR
STE	Special Test Equipment	H
ster	Steradian	TR
STIKSCAT	Stick Scatterometer	N
STP	Space Test Program	
STRAT	Stratospheric Tracers of Atmospheric Transport	SR
STRATCOM	Strategic Command	IO
STT	Small Tactical Terminal	IO
STX	S-band Transmitter	
SUAG	Senior User's Advisory Group	
SURTASS	Surveillance Towed Array Sensor System	SP
SUSIM	Solar Ultraviolet Spectral Irradiance Monitor	N
SV	Space Vehicle	F
SV	Schedule Variance	
SVE	Space Vehicle Equipment	
SVR	System Verification Review	H
SVT	System Validation Test	IJ
SWC	Space Warfare Center	SP
SWH	Significant Wave Height	CO
SWIR	Short Wave Infrared	TR
SWIRLS	Stratospheric Wind Infrared Limb Sounder	N
SYSCOM	Systems Command	SP
SZA	Solar Zenith Angle	
T		
T	Test	
T&E	Test and Evaluation	TR
T/P	Topex/Poseidon	IO
TAB	Total Allocated Budget	
TAC	Telemetry And Command subsystem	TR
TACON	Tactical Control	EP
TACTERM	Tactical Terminal	IO
TAD	Technical Activities Division	
TAE	Transportable Applications Executive	N
TAF	Technical Architecture Framework	
TAR	Tape Archive [DEC-developed format]	F
TARFOX	Tropospheric Aerosol Radiative Forcing Experiment	SR
TASL	Tracking and Subpoint Listings	EP
TBD	To Be Described/To Be Determined	IR
TBD	To Be Determined (by contractor)	F
TBR	To Be Resolved (by contractor/government)	F
TBS	To Be Supplied (by government)	F
TBW	To Be Worked	ID

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		Applicabilit
TCP	Tropospheric Chemistry Program	SR
TCP/IP	Transmission Control Protocol	R
TCPI	To Complete Performance Index	
TCS	TOP CoordinationThermal Control Subsystem	TR
TCS	Top Coordination Schedule	IJ
TCS	Telemetry & Command Subsystem	CO
TDA	Tactical Decision Aids	CO
TDI	Time Delay and Integration	
TDR	Temperature Data Record	F
TDRSS	Tracking and Data Relay Satellite System	TR
TEB	Tender Evaluation Board	IJ
TEC	Total Electron Content	IO
TED	Threat Environment Description	TR
TED	Total Energy Detector	N
TEDD	Total Energy (Density) Detector	CO
TEFLUN	TEexas/FLorida UNderflights experiment	
TEMP	Test and Evaluation Master Plan	
TEMP	Temperature	
TEMPER	Tropospheric Electromagnetic Parabolic Equation Routine	CO
TEMPEST	Electromagnetic Radiation Suppression Pgm/Computer Emissions	F
TERCAT	Terrain Categorization	
TERSE	Tunable Etalon Remote Sounder of Earth	N
TES	Tropospheric Emission Spectrometer	N
TESS	Tactical Environmental Support/Satellite System	IO
TIDE	Total Ionizing Dose Environment	F
TIM	Technical Interchange Meeting	
TIPT	Technical Integrated Product Team	S
TIROS	Television and Infrared Observation Satellite	IR
TIWV	Total Integrated Water Vapor	TR
TL	Team Leader	N
TLM	Telemetry	
TM	Technical Manual/Team Member	N
TM	Thematic Mapper	
TMI	TRMM Microwave Imager	
TML	Total Mass Loss	F
TMM	Thermal Math Model	F
TMR	TOPEX Microwave Radiometer	N
TO	Technical Order	IO
TOA	Top Of Atmosphere	IO
TOGA	Tropical Ocean Global Atmosphere	N
TOMS	Total Ozone Mapping Spectrometer (Nimbus-7 Sensor)	
TOMUIS	3-D Ozone Mapping with Ultraviolet Imaging Spectrometer	N
TOPEX	Ocean Topography Experiment (A Sensor)	SM
TOTE	Tropical Ozone Transport Experiment	SR
TOVS	TIROS Operational Vertical Sounder	N
TPDR	Tailored Preliminary Design Review	
TPM	Technical Performance Measurement	
TR	Technical Review	
TRASYS	Thermal Radiation Analysis System	F
TRB	Test Review Board	IJ

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TRD	Technical Requirements Document	F
TRMM	Tropical Rainfall Measuring Mission	N
TRONEW	Tropical Cloud Forecast Model	CO
TRR	Test Readiness Review	
TSC	Tri-agency Steering Committee	S
TSDR	Tailored System Design Review	
TSIS/M	Total Solar Irradiance Sensor/Monitor	
TSPR	Total System Performance Responsibility	F
TT&C	Tracking, Telemetry, & Command/Communication	SM
Tu	Third Stokes Parameter	F
Tv	Fourth Stokes Parameter	F
TWTA	Traveling Wave Tube Amplifier	T
TY\$	Then Year Dollars	

U

U	Unclassified	IO
UARS	Upper Atmosphere Research Satellite	N
UAV	Unmanned Aerial Vehicle	CO
UB	Undistributed Budget	
UCR	Unit Cost Reporting	
UHF	Ultra High Frequency	IR
UIIS	Unique Instrument Interface Specification	IJ
ULOSA	Unit-Level Open System Architecture	F
um	Micro-meter (micron)	
UMARF	Unified Meteorological Archiving & Retrieval Facility	IJ
UNCED	United Nations Conference on Environment & Development	N
UNEP	United Nations Environment Program	N
UNESCO	United Nations Educational, Scientific, & Cultural Organization	N
URL	Universal Resource Locator	
US	United States	IO
USA	United States Army	IO
USAF	United States Air Force	F
USAF/XOW	Air Force Director of Weather	S
USAPC	United States Argos Processing Center	TR
USB	Unified S-band	
USC	United States Code	
USCG	United States Coast Guard	IO
USCM	Unmanned Space vehicle Cost Model	CO
USD(A&T)	Under Secretary of Defense (Acquisition and Technology)	
USDA	U.S. Department of Agriculture	N
USE	Unique Support Equipment	
USFCM	U. S. Federal Coordinator for Meteorology	ID
USG	United States Government	F
USGCRP	U.S. Global Change Research Program	N
USGS	U.S. Geological Survey	N
USMC	United States Marine Corps	IO
USMCC	United States Mission Control Center	TR
USN	United States Navy	IO
USNO	U.S. Naval Observatory	
USSPACECO	United States Space Command	IO

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USWRP	U.S. Weather Research Program	
UTC	Universal Time Coordinated (USNO & FSU Versions)	F
UV	Ultraviolet	F
UVISI	Ultraviolet & Visible Imagers & Spectrographic Imagers	SR
V		
V	Vertical/Velocity	F
v	volts	IR
VAC	Variance At Completion	
VAFB	Vandenberg Air Force Base	TR
VAR	Visit Access Request	EP
VARB	Vehicle Anomaly Review Board	EP
VCDU	Virtual Channel Data Unit	ID
VCL	Vegetation Canopy Lidar	N
VED	Vehicle Enters Darkness	EP
VES	Vehicle Enters Sunlight	EP
VFR	Visual Flight Rules	CO
VHF	Very High Frequency	N
VIBAS		CO
VIIRS	Visible/Infrared Imager/Radiometer Suite	F
VIRS	Visible Infrared Scanner	N
VIRSR	Visible Infrared Scanning Radiometer	N
VIS	Visible	N
VISSR	Visible/Infrared Spin-Scan Radiometer	N
VMP	Vertical Moisture Profile	CO
VNIR	Visible & Near Infrared	N
VOTE	Vortex Ozone Transport Experiment	SR
VRA	VHF Real-time antenna	
VRI	Vertical Reporting Interval	F
VSH	Vector Spherical Harmonic model	CO
VSI	Vertical Sampling Interval	CO
VSWR	Voltage Standing Wave Ratio	F
VTP	Vertical Temperature Profile	CO
W		
W	Watts	IR
W/m ²	Watts per square meter	IO
W/T	Weapons/Tactical Decision Aids	CO
WBDCS	Wide-Band Data Collection System	N
WBMOD	Wide Band Ionospheric Scintillation Model	CO
WBS	Work Breakdown Structure	
WC	Worst Case	IR
WCRP	World Climate Research Program	N
WEFAX	Weather Facsimile	N
WETNET	Network for distribution & joint analysis of SSM/I data	N
WFOV	Wide Field of View	N
WGS	World Geodetic System (WGS-84)	
WINDII	Wind Imaging Interferometer	N
WINDS	Wind Infrared Doppler Lidar Sensor	T
WMM	World Magnetic Model	
WMO	World Meteorological Organization	N

CONSOLIDATED NPOESS ACRONYMS

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Applicabilit

WN	WNINTEL	
WNINTEL	Warning Notice - Intelligence Sources or methods involved	F
WOCE	World Ocean Circulation Experiment	N
WP	Work Package	
WPTB	NPOESS Weather Product/Prediction Testbed	
WRC-99	World Radio Conference 1999	
WSS	Wavenumber Step Size	F
WTR	Western Test Range	TR
WWW	World Weather Watch	N
WWW	World-Wide Web	
WX	Weather	IO
X		
X-band	Region of RF Spectrum	
X-SAR	X-band Synthetic Aperture Radar	N
XBT	Expendable Bathythermograph	N
XIE	X-ray Imaging Experiment	N
Y		
yr	Year	IR
Z		
ZAP	Z-axis Precession (EOS mode)	

Applicability Sources

- 1 NASA Mission to Planet Earth Strategic Enterprise Plan, App 1
- AF Air Force Research
- AL NASA Algorithm
- C Consolidated Acquisition Reporting System
- CO Cost, Operational Benefit, && Requirements Analysis (COBRA)
- DA Defense Acquisition Executive Summary (DAES)
- EP Employment Plan for DMSP Operations
- F Sensor Requirements Document (SRD) Appendix
- G Sensor Requirements Document (SRD)
- H SBIRS Section H, Special Contract
- I Issue/Clarification/Support Request (ICSR) form
- ID IDPS Functional Description Document
- IO Integrated Operational Requirements Document (IORD)
- IJ Initial Joint Polar-orbiting System Program Implementation
- IR Interface Requirements Document for NPOESS
- N NASA acronym list
- R Report on NPOESS Communications Trade Space for Stored Mission
- S Single Acquisition Management Plan (SAMP)
- SM Satellite Meteorology
- SP Space Environment Steering Group (SESG) Report
- SR NASA Mission to Planet Earth Science Research Plan
- T Technology Transition Management Plan
- TR Technical Requirements Document (TRD)